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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/609,111	06/26/2003	James Michael Devine	7650-0018	9252

51094 7590 11/18/2005

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EXAMINER	
TON, MY TRANG	

ART UNIT	PAPER NUMBER
2816	

DATE MAILED: 11/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/609,111	DEVINE ET AL.	
	Examiner	Art Unit	
	My-Trang N. Ton	2816	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *06 September 2005*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-13* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-13* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *22 September 2005* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

MY-TRANG NU TON
PRIMARY EXAMINER

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

In response to Applicant's arguments, the rejection made in the last Office action on the Tsukahara reference (U.S Patent No. 5,592,108) and Turner (U. S Patent No. 6,118,302) is withdrawn.

In view of newly discovered prior art, new ground of rejection are now set forth. Any inconvenience caused by the delay in citing this new prior art is regretted.
In view of the above noted new grounds of rejection not necessitated by Applicants Amendments, this action is non-final.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Pryor (U.S Patent No. 4,408,245).

Pryor discloses in Fig. 1 a protection and anti-floating network for insulated gate field effect circuitry including:

an active pull-up device (P12);

a level shift circuit (N12) coupled to the active pull-up device (P12) wherein the active pull-up device (P12) is coupled to a one-wire bus (wire connected to P12, N12)

and the level shift circuit (N12) is also coupled to circuit ground (Ground) as recited in claim 1.

Regarding claim 2, one connection point of the level shift circuit (N12) is coupled to a reference connection point (point connected between P12, N12) of the active pull-up device (P12) and another connection point of the level shift circuit (N12) is connected to circuit ground (Ground).

The active pull up device (P12) has a voltage sense switch (P12) that is coupled to the level shift circuit (N12) as recite in claim 3.

Regarding claim 4: the level shift circuit (N12) is a diode with its cathode connected to circuit ground and its anode connected to a reference connection point of the active pull-up device (N12 forms diode-connected configuration as recited in claim 4).

Regarding claim 5: elements ND2, ND3 read on at least one I-button device.

Regarding claim 6: elements P11, N11 read on a transceiver having a processor.

Claims 7-13 are similarly rejected as claims 1-6: a level shift (N12) and an active pull-up device (P12).

Claims 1-13 are also rejected under 35 U.S.C. 102(b) as being anticipated by Chung et al (U. S Patent No. 6,535,026).

Chung disclose in Fig. 3b a sense amplifier circuit including:

an active pull-up device (96);

a level shift circuit (102) coupled to the active pull-up device (96) wherein the active pull-up device (96) is coupled to a one-wire bus (wire connected to SA, VZ) and

the level shift circuit (102) is also coupled to circuit ground (Ground) as recited in claim 1.

Regarding claim 2, one connection point of the level shift circuit (102) is coupled to a reference connection point (node connected to 100) of the active pull-up device (96) and another connection point of the level shift circuit (102) is connected to circuit ground (Ground).

The active pull up device (96) has a voltage sense switch (96) that is coupled to the level shift circuit (102) as recite in claim 3.

Regarding claim 4: the level shift circuit is a diode with its cathode connected to circuit ground and its anode connected to a reference connection point of the active pull up device (102 forms a diode connected configuration as recited in claim 4).

Regarding claim 5: elements 116 & transistors connected to DE2 &116 read on the limitation "at least one I-button device".

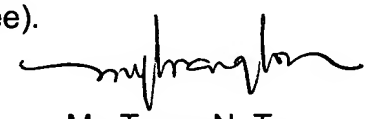
Regarding claim 6: transistors connected to DE1, DE1B and inverters connected to DE1B, DE1 inherently read on a transceiver having a processor.

Claims 7-13 are similarly rejected as claims 1-6.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to My-Trang N. Ton whose telephone number is 571-272-1754. The examiner can normally be reached on 7:00 a.m - 5:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy Callahan can be reached on 571-272-1740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



My-Trang N. Ton
Primary Examiner
Art Unit 2816

November 16, 2005